

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1476 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/13 16:25 |
| S2 | 1726 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/16 10:45 |
| S3 | 1476 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/16 10:45 |
| S4 | 1513 | S2 not S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/17 10:59 |
| S5 | 2578 | ((204/424) or (204/425) or (204/426) or (204/427) or (204/428) or (204/429)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 11:00 |
| S6 | 1476 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 11:00 |
| S7 | 1726 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 11:00 |
| S8 | 1476 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 11:00 |

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|-----|------|--|---|----|----|------------------|
| S9 | 2389 | S5 not (S6 or S7 or S8) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/17 11:50 |
| S10 | 1993 | S5 not (S6 or S7 or S8) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/17 11:51 |
| S11 | 14 | ("3630874" "3758397" "3784459" "4096050" "4116797" "4151503" "4399017" "4452687" "4560463" "4708783" "4818364").PN. OR ("5820739"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/17 13:50 |
| S12 | 24 | ("2146071" "2594793" "2822059" "3455792" "3720594" "3960693" "4019974").PN. OR ("4116797").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/17 13:52 |
| S13 | 119 | ("2100042" "2146071" "2594793" "2822059" "3311866" "3351891" "3455792" "3630874" "3720594" "3758397" "3784459" "3835012" "3841987" "3844920" "3847778" "3891529" "3960693" "4019974" "4076608" "4096050" "4111778" "4116797" "4151503" "4220516" "4222840" "4309897" "4334974" "4364226" "4399017" "4441982" "4452687" "4453397" "4505807" "4512871" "4540070" "4556475" "4560463" "4578174" "4609454" "4708783" "4741816" "4818364" "4824550" "4900412" "5098548").PN. OR ("4019974" "4116797" "4588494" "5098548" "5139639" "5759365" "5820739").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/18 18:12 |

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|-----|------|--|---|----|-----|------------------|
| S14 | 40 | ("3960693" "4214472" "4320378" "4362609" "4489596" "4883643" "4956072" "5031445" "5039972" "5089133" "5246562" "5329806" "5467636" "5490412" "5546787" "5602325" "5616825" "5759365" "5785829" "5900129" "6063249" "6068746" "6082175" "6179989" "6322681" "6342141").PN. OR ("5922938" "6319376" "6453726" "6613208").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/30 10:34 |
| S15 | 97 | ("3959764" "3959765" "4040930" "4116797" "4206173" "4225842" "4294801" "4323440" "4377801" "4401967" "4403207" "4417228" "4535316" "4620437" "4656863" "4733056" "4786398" "4786399" "4802369" "4818363" "4883643" "4943330" "4948491" "4958514" "5031445" "5039972" "5089133" "5139639" "5228975" "5246562" "5329806").PN. OR ("5031445" "5039972" "5329806" "5616825").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/30 15:30 |
| S21 | 1479 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/30 15:30 |
| S22 | 40 | ("3960693" "4214472" "4320378" "4362609" "4489596" "4883643" "4956072" "5031445" "5039972" "5089133" "5246562" "5329806" "5467636" "5490412" "5546787" "5602325" "5616825" "5759365" "5785829" "5900129" "6063249" "6068746" "6082175" "6179989" "6322681" "6342141").PN. OR ("5922938" "6319376" "6453726" "6613208").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/30 15:30 |

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|-----|------|--|---|----|-----|------------------|
| S23 | 97 | ("3959764" "3959765" "4040930" "4116797" "4206173" "4225842" "4294801" "4323440" "4377801" "4401967" "4403207" "4417228" "4535316" "4620437" "4656863" "4733056" "4786398" "4786399" "4802369" "4818363" "4883643" "4943330" "4948491" "4958514" "5031445" "5039972" "5089133" "5139639" "5228975" "5246562" "5329806").PN. OR ("5031445" "5039972" "5329806" "5616825").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/30 15:30 |
| S24 | 1429 | S21 not (S22 or S23) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 10:22 |
| S25 | 1480 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 10:22 |
| S26 | 1729 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 10:22 |
| S27 | 2585 | ((204/424) or (204/425) or (204/426) or (204/427) or (204/428) or (204/429)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 10:22 |
| S28 | 5387 | S25 or S26 or S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 10:23 |
| S29 | 658 | "l1" and (glass near3 (melt\$3 or soften\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 10:24 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S30 | 128 | S28 and (glass near3 (melt\$3 or soften\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 15:46 |
| S31 | 35 | ("3772177" "3920172" "4040930" "4206173" "4310401" "4818363" "4958514" "5037526" "5039972" "5139639" "5202154" "5238551" "5302274" "5329806" "5395641" "5443711" "5467636" "5602325" "5616825" "5688390" "5739414" "5817920" "5846391" "5886248" "5955656" "6032514" "6063249" "6082175" "6083371" "6164120" "6223583").PN. OR ("6347543" "6418777" "6550309").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 10:34 |
| S32 | 5 | ("5031445" "5329806" "6063249" "6082175" "6322681").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 15:33 |
| S33 | 2 | ("6347543").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 15:33 |
| S34 | 16 | ("4206173" "4310401" "5039972" "5139639" "5602325" "5616825" "5739414" "5817920" "5955656" "6032514" "6082175" "6164120" "6223583").PN. OR ("6347543").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 15:33 |
| S35 | 1480 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 15:46 |
| S36 | 1729 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 15:46 |

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|-----|------|--|---|----|-----|------------------|
| S37 | 2585 | ((204/424) or (204/425) or (204/426) or (204/427) or (204/428) or (204/429)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/31 15:46 |
| S38 | 5387 | S35 or S36 or S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/04 15:30 |
| S39 | 6 | S38 and (glass near3 (third)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 15:46 |
| S40 | 2 | ("6327891").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/01 10:40 |
| S41 | 2 | ("6474655").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/01 10:40 |
| S42 | 2 | ("6474655").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 15:27 |
| S43 | 1525 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 15:30 |
| S44 | 1769 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 15:30 |

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|-----|------|--|---|----|-----|------------------|
| S45 | 2657 | ((204/424) or (204/425) or (204/426) or (204/427) or (204/428) or (204/429)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/04 15:30 |
| S46 | 5520 | S43 or S44 or S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/04 15:31 |
| S47 | 302 | S46 and @py>"2005" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 15:43 |
| S48 | 1547 | ((73/23.31) or (73/23.32)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/04 15:44 |
| S49 | 1799 | ((73/31.05) or (73/31.06)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/04 15:44 |
| S50 | 2705 | ((204/424) or (204/425) or (204/426) or (204/427) or (204/428) or (204/429)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/04 15:44 |
| S51 | 5602 | S48 or S49 or S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 15:44 |
| S52 | 182 | S51 and @py>"2006" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 16:03 |

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| S53 | 52 | (gas and sensor and seal\$3 and sleeve and metal and (chamber or housing)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/04 16:05 |
| S54 | 3 | ("6206377").URPN. | USPAT | OR | ON | 2007/10/04 16:43 |
| S55 | 14 | ("3960692" "4019974" "4145272" "4283261" "4324632" "4474648" "4478067" "4810352" "4818363" "5228975" "5795454" "5942092" "5949023" "6083371").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/04 16:43 |